

November 30, 1995

MEMBERS AND ALTERNATES,
CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE

1995 ANNUAL REPORT

This 1995 annual report of actions taken by the California Traffic Control Devices Committee is respectfully submitted in compliance with the CTCDC Bylaws.

Sincerely,

Jack M. Kletzman
Executive Secretary, CTCDC

CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE 1995 ANNUAL REPORT

This report is prepared in compliance with Article IV of the bylaws of the California Traffic Control Devices Committee.

1995 Voting Members

Mr. Dick Folkers	Chairman, LOCC, City of Palm Desert, 73-510 Fred Waring Drive Palm Desert, CA 92260
Mr. Wayne Tanda	Vice Chairman, LOCC, City of San Jose, 4 North Second Street, Suite 1000 San Jose, CA 95113
Ms. Merry Banks	California State Automobile Association, 150 Van Ness Avenue San Francisco, CA 94102-1860
Mr. Bruce Carter	CSAC, Shasta County, Department of Public Works, 1855 Placer Street Redding, CA 96001
Capt. Don Follett	California Highway Patrol, 2555 First Avenue Sacramento, CA 95818
Mr. Gary Foxen	Auto Club of Southern California, P.O. Box 2890 Los Angeles, CA 90051
Mr. Jack Kletzman	California Department of Transportation, 1120 N Street Sacramento, CA 95814
Mr. John Wallo	CSAC, San Luis Obispo County Traffic Department, Court House Annex, Osos and Palm Streets San Luis Obispo, CA 93408

The following alternate members were designated by the parent organizations to act in the absence of their appointed delegates:

Mr. Dwight Ku	California State Automobile Association, 980 Ninth Street, Suite 1520 Sacramento, CA 95814
Mr. Farhad Mansourian	CSAC, Marin County, Department of Public Works, P.O. Box 4186 San Rafael, CA 94913
Mr. Ray Mellen	Auto Club of Southern California, P.O. Box 2890 Los Angeles, CA 90051
Mr. Chris Ramstead Box 1460	CSAC, Los Angeles County, Department of Public Works, P.O. Alhambra, CA 91802-1460
Mr. Harold Rosenberg	LOCC, City of Chula Vista, 276 Fourth Avenue Chula Vista, CA 92010
Mr. Ed Von Borstel	LOCC, City of Modesto, P.O. Box 642 Modesto, CA 95353
Lt. Shawn Watts	California Highway Patrol, 2555 First Avenue Sacramento, CA 95818
(Vacant)	California Department of Transportation

Secretary

Mr. Jack Kletzman	California Department of Transportation, 1120 N Street Sacramento, CA 95814
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MEETINGS

January 19, 1995	Weinstock's Building (Working Session TM Ch. 5)	Sacramento
May 4, 1995	City Council Chambers Civic Center	Costa Mesa
September 21, 1995	District Auditorium Caltrans, District D4	Oakland

**1995 CTCDC
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95-5	PEDESTRIAN EDUCATIONAL PLATE
95-6	BIKE LANE STRIPING FOR DRIVEWAYS
95-7	SIGNS, SELF ILLUMINATING
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95-9	LEFT TURN LANE PROTECTED/PERMISSIVE SIGN
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95-12	SYMBOL SIGNS, TRUCK CROSSING/ENTERING ROAD & WATCH FOR ROCKS
95-13	HIGHWAY MARKERS, CALTRANS EXPERIMENT WITH SAFETY STRAND.

Information Items

95 - A	FOREIGN TRAFFIC CONTROL DEVICES
95 - B	METRIC CONVERSION
95 - C	INCREASED VISIBILITY FOR WORKERS IN CONSTRUCTION ZONES

COMMITTEE ACCOMPLISHMENTS

Item 91-9 Recommended the adoption of the following policy for cyclist loop activation marking: "The Loop Detector Logo may be used at a signalized intersection to show a bicyclist where to stop at a bike lane or traffic lane to activate the signal. The logo should be applied to the pavement over a loop detector at the optimum location for the loop to detect a bicycle. Because bicycles can be difficult to detect, care must be taken to insure that the location, indicated by the loop detector marking, actuates the signal. It is recommended that at least one of the loop detectors have a Type D configuration as shown on Standard Plan ES5B."

Item 94-1 Recommended adoption of bicycle signal timing language proposed by CBAC and consistent with existing MUTCD guidelines. [Caltrans Traffic Operations is opposed to constricting the traffic engineers judgment and has not adopted such language.]

Item 94-6 A notification, that traffic cones for children playing was an unproved traffic control device, had been sent to the entrepreneur and distributor of the device. No further action was deemed necessary.

Item 94-8 Recommended revising the policy of the RADAR ENFORCED (R48-1) sign to include 55 MPH MAXIMUM SPEED LIMIT (R6) signs.

Item 94-11 The publication of "Pedestrian Safety in California, a State Plan" had added a disclaimer stating that the State of California, among others, has not approved the plan. No further action was deemed necessary.

Item 95-1 Comments were given concerning Chapter 5 of the Traffic Manual and the draft was recommended for approval.

Item 95-2 A proposed hidden driveway sign was not recommended for approval.

Item 95-3 A safety crosswalker was not recommended for approval as a traffic control device.

Item 95-5 A pedestrian educational plate which explains the meaning of pedestrian signals was deemed not to be a traffic control device.

Item 95-8 Comments were given concerning Chapter 5 of the HOV Guidelines and the draft was recommended for approval.

Item 95-10 Revised legends for W73 and W73A were recommended for approval.

Item 95-12 The Watch for Rocks symbol sign portion of this item was recommended for approval.

SUMMARY OF ACCOMPLISHMENTS

- 1 item carried over from 1990
- 6 items carried over from 1992
- 7 items carried over from 1993
- 4 items carried over from 1994
- 13 items introduced in 1995
- 29 items considered in 1995
- 2 items not considered in 1995
- 11 items completed in 1995
- 3 items withdrawn in 1995
- 12 items tabled (Three items were not considered in 1995.)
- 6 items carried over to 1996

ITEMS CARRIED INTO FUTURE YEARS

- | | |
|------------|---------------------------------------------------|
| Item 92-18 | GOLF CART SYMBOL SIGN |
| Item 93-4 | CONVEX MIRRORS |
| Item 94-3 | STOP SIGNS AT MID BLOCK |
| Item 94-9 | SIGNAL PHASE SIGN (R54) |
| Item 95-11 | DIAMOND LANE, WARNING SIGNS |
| Item 95-12 | SYMBOL SIGNS, TRUCK ENTERING ROAD & FALLING ROCKS |

ITEMS WITHDRAWN OR DELETED

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|-----------|----------------------------------------|
| Item 94-2 | STOP SIGNS, "4-WAY" SUPPLEMENTAL PLATE |
| Item 95-4 | BIKE LANE SYMBOL PAVEMENT MARKING |
| Item 95-6 | BIKE LANE STRIPING FOR DRIVEWAYS |

ITEMS NOT CONSIDERED

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|-----------|-------------------------------------------|
| Item 95-7 | SIGNS, SELF ILLUMINATING |
| Item 95-9 | LEFT TURN LANE PROTECTIVE/PERMISSIVE SIGN |

TABLED AGENDA ITEMS

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|------------|---------------------------------------------------------|
| Item 90-7 | BICYCLE SIGNAL HEADS |
| Item 92-4A | TRAFFIC SIGNAL DIMMING, CITY OF SAN JOSE |
| Item 92-4B | L.E.D. STUDY, CITY OF SAN JOSE |
| Item 92-4C | L.E.D. STUDY, BY OTHER LOCAL AGENCIES |
| Item 93-2 | L.E.D. STUDY, CALTRANS |
| Item 93-5 | BIKEWAY DELINEATION ACROSS FREEWAY RAMPS |
| Item 93-10 | SIGNING, YELLOW GREEN SPECTRUM |
| Item 93-12 | PEDESTRIAN CROSSWALKS |
| Item 93-14 | SPEED CONTROL SIGN EXPERIMENTATION REQUEST |
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EXPERIMENTAL ITEMS

Item 90-7 BICYCLE SIGNAL HEADS

Experiment in progress.

Item 92-4 TRAFFIC SIGNAL DIMMING

This item has been divided into three items. Item 92-4A Traffic Signal Dimming, City of San Jose; Item 92-4B L.E.D. Study, City of San Jose; and Item 92-4C L.E.D. Study, By Other Local Agencies. The City of San Jose's request to expand the LED experiment (Item 92-4B) by a maximum of 300 intersections has been approved. A letter was issued, warning local agencies that no LED standard has been approved as a traffic control device by Caltrans. Other local agencies (Item 92-4C) approved to experiment are the City of Fontana and the County of Sacramento.

Item 93-2 L.E.D. STUDY BY CALTRANS

Caltrans anticipates conducting subjective tests to establish a level of degradation for minimum acceptance. The effect of degradation will be simulated by decreased voltage.

Item 93-10 SIGNING, YELLOW GREEN SPECTRUM

Napa County and the City of Napa concluded driver behavior was not visibly affected by the new sign, but their sample was too small to draw any significant conclusions. The City of Los Angeles suggested consideration of a fluorescent sign that is more yellow and recommended the color be made available as a non-proprietary product. The Committee voted to wait until recommendations are published by the MUTCD.

Item 93-14 SPEED CONTROL SIGN, EXPERIMENTATION REQUEST

The City of Tustin has been approved to participate in the experiment.

Item 93-18 CROSSWALKS, SEQUENTIAL LIGHTING

There is insufficient data to reach any conclusions at this time. The installation has been upgraded. The City of Santa Rosa was encouraged to continue the experiment. Other local agencies have shown interest in participating in the experiment.

Item 94-10 PEDESTRIAN SIGNAL HEAD

Approval was given to the County of Sacramento to experiment with a pedestrian signal head.

Item 95-13 HIGHWAY MARKERS, CALTRANS EXPERIMENT WITH SAFETY STRAND

The Committee concurred with a proposed Caltrans experiment to examine marking devices that could make the centerline more visible in adverse weather conditions and resist damage by snow plows.

MISCELLANEOUS

Mr. Hal Rosenberg from the City of Chula Vista has retired. Mr. Russ Taft has left his position at the California State Automobile Association. Ms. Merry Banks will replace him on the Committee. Mr. Dwight Ku has been appointed as the alternate representative for the California State Automobile Association.

The "Light Rail Traffic Manual" has been published and is available from the California State Automobile Association or the Executive Secretary. The publication is the opinion of the Light Rail Subcommittee and has not been endorsed by Department of Transportation or the Public Utilities Commission. It is not considered a standard.

Additional information regarding the minutes of the CTCDC meetings held during 1995 may be obtained upon request from the Executive Secretary or any member of the California Traffic Control Devices Committee.

Respectfully submitted,

Jack M. Kletzman
Executive Secretary, CTCDC
(916) 654-4715

SIGNING RECOMMENDATIONS

All additions, revisions and deletions of approved sign specifications made by Caltrans during 1995, will be distributed under separate cover.

As provided in California Vehicle Code Sections 212400 and 21401, a list of approved signs for use on streets and highways in California is available from the Caltrans Manuals and Publications Unit, 1900 Royal Oaks Drive, Sacramento, CA 95815.